

A novel approach to mitral or tricuspid valve repair involves the performance of an edge-to-edge fastening/securing of opposing heart valve leaflets through a catheter entering the heart. Thus, a device is introduced including a leaflet fastener applicator through a cardiac catheter or other suitable catheter. The leaflet fastener applicator and cardiac catheter can be formed into a kit. A gripper can be used to hold the heart valve leaflets while they are fastened.